c.) Amendments to the Claims

1. (Currently Amended) A process for producing a purine nucleotide which comprises:-

culturing in a medium a recombinant microorganism obtained by transforming a host cell having the ability to produce a precursor of the purine nucleotide ~~and carrying an introduced DNA which can induce and~~ selected from the group consisting of XMP, guanosine, inosine and adenosine with DNA which can express an enzyme capable of synthesizing the purine nucleotide from said precursor~~; allowing~~ upon induction, to accumulate said precursor of the purine nucleotide ~~to accumulate~~ in the culture;

inducing ~~and expressing~~ the expression of the enzyme capable of synthesizing the purine nucleotide from said precursor~~; allowing~~ to form the purine nucleotide ~~formed~~ from ~~said~~ the accumulated precursor ~~to accumulate~~ in said culture~~;~~, and ~~then~~

recovering ~~said~~ the formed purine nucleotide therefrom.

2. (Original) The process according to claim 1, wherein the precursor of the purine nucleotide is 5'-xanthylic acid, the enzyme capable of synthesizing the purine nucleotide from said precursor is 5'-xanthylic acid aminase, and the purine nucleotide is 5'-guanylic acid.

3. (Currently Amended) The process according to claim 1, wherein the precursor of the purine nucleotide is guanosine, the enzyme capable of synthesizing the

purine nucleotide from said precursor is inosine-guanosine kinase or phosphatase derived from Morganella morganii, and the purine nucleotide is 5'-guanylic acid.

4. (Currently Amended) The process according to claim 1, wherein the precursor of the purine nucleotide is inosine, the enzyme capable of synthesizing the purine nucleotide from said precursor is inosine-guanosine kinase or phosphatase derived from Morganella morganii, and the purine nucleotide is 5'-inosinic acid.

5. (Original) The process according to claim 1, wherein the microorganism belongs to the genus selected from the group consisting of *Corynebacterium*, *Escherichia* and *Bacillus*.

6. (Original) The process according to claim 1, wherein the microorganism is *Corynebacterium ammoniagenes*.

7. (Original) The process according to claim 1, which is characterized in that the enzyme capable of synthesizing the purine nucleotide is induced and expressed by the change of a condition selected from the group consisting of rise in temperature, rise in pH_s and rise in osmotic pressure, or by the change of the carbon source from sugars to non-sugars.

8. (Currently Amended) The process according to claim ~~7~~ 20, wherein the non-sugar carbon source is acetic acid or acetate.

Claims 9-19 (Cancelled)

20. (New) The process according to claim 7, wherein expression of the enzyme is induced by change of carbon source from a sugar carbon source to a non-sugar carbon source.